



Main

Range	ComPact
Range of product	ComPact NS1600b...3200 ComPact NS630b...1600
Product or component type	Trip unit
Trip unit name	Micrologic 5.0 A
Trip unit technology	Electronic
Range compatibility	ComPact NS1600b...3200 ComPact NS630b...1600
Device application	Distribution
Number of poles	4P 3P
Protected poles description	3t + N/2 4t 3t
Trip unit protection functions	Selective protection
Protection type	For short time short-circuit protection For overload protection (long time) For instantaneous short-circuit protection
Trip unit rating	630 A at 50 °C 800 A at 50 °C 1000 A at 50 °C 1250 A at 50 °C 1600 A at 50 °C 2000 A at 50 °C 2500 A at 50 °C 3200 A at 50 °C
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Fixed

Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	0.4...1 x In
Long-time protection delay adjustment type tr	Adjustable 9 settings
[tr] long-time protection delay adjustment range	0.7...16.6 S at 7.2 x Ir 0.7...24 S at 6 x Ir 12.5...600 s at 1.5 x Ir
Thermal memory	20 mn
Short-time protection pick-up adjustment type I _{sd}	Adjustable 9 settings
[I _{sd}] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type t _{sd}	Adjustable
[t _{sd}] Short-time protection delay adjustment range	0...0.4 S I ² t=off 0.1...0.4 s I ² t=on
Instantaneous protection pick-up adjustment type I _i	Adjustable 9 settings
[I _i] instantaneous protection pick-up adjustment range	2...15 x In Off
Earth-leakage protection	Without
Zone selective interlocking ZSI	With

Local signalling	3 LEDs (red) for electrical fault 1 LED (red) for internal error
Display type	Digital display
Type of measurement	Ammeter
Communication of data	Measurement readout Protection and alarm settings




Environment

Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	268.0 g
Package 1 Height	6.7 cm
Package 1 width	7.9 cm
Package 1 Length	21.6 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
PVC free	Yes

Contractual warranty

Warranty	18 months
----------	-----------